

FIG. 1

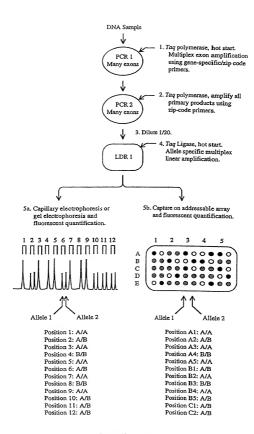


FIG. 2

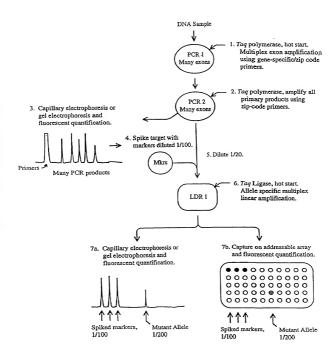
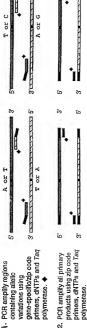


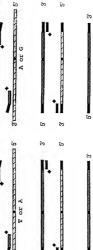
FIG. 3

An+4

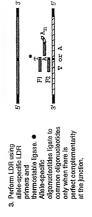
A or G F3AA C

PCR/ PCR/ LDR





è



FI T

T or A



sequencer and quantify

each allele.

products on a DNA

4. Separate fluorescent



Heterozygous: C and T alleles.

PCR/ PCR/ LDR

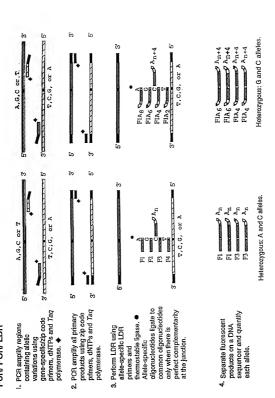
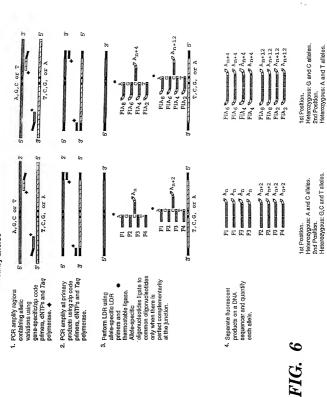


FIG. 5

PCR/ PCR/ LDR: Nearby alleles



PCR/ PCR/ LDR: Adjacent alleles, cancer detection

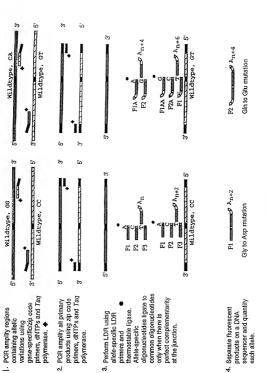


FIG. 7

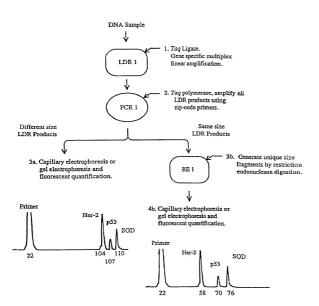


FIG. 8

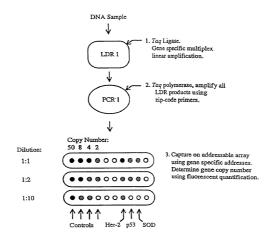


FIG. 9

Bu.

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LDR / PCR: Multiplex detection of gene amplifications and deletions

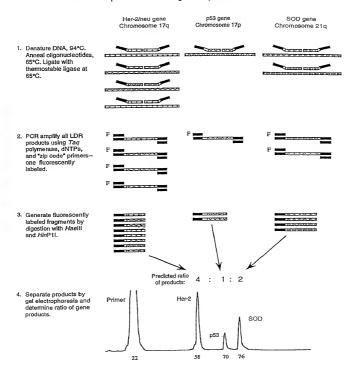


FIG. 10

Allele specific LDR / PCR Problem

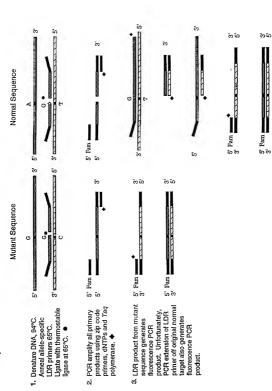


FIG. 11

Solution to allele specific LDR / PCR problem

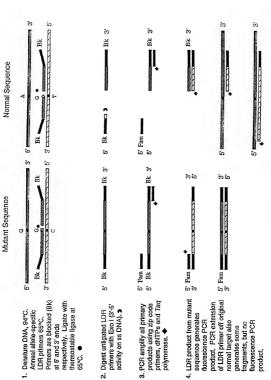


FIG. 12

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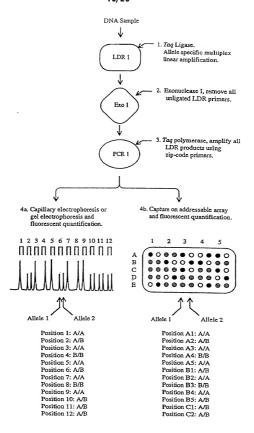


FIG. 13

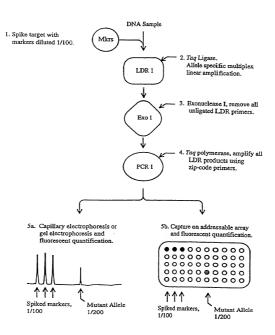


FIG. 14

Allele specific LDR / PCR for mutations or polymorphisms

Polymorphism 1

Polymorphism 2

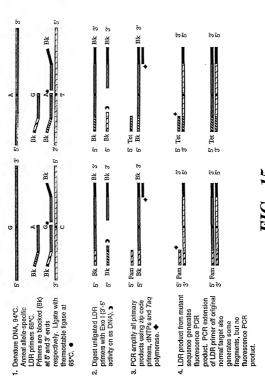
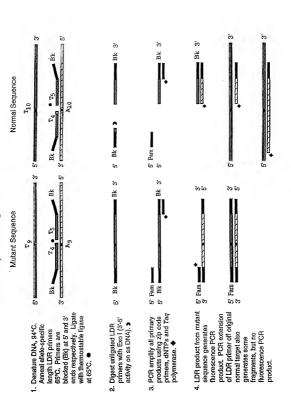


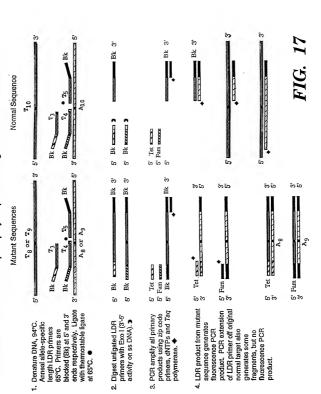
FIG. 15

LDR / PCR of mononucleotide repeats using exonuclease selection



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LDR / PCR of mononucleotide repeat polymorphisms using exonuclease selection



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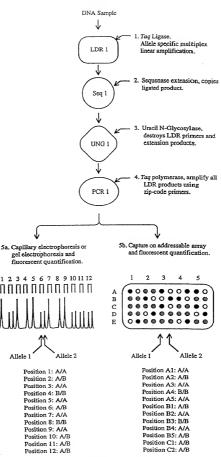


FIG. 18

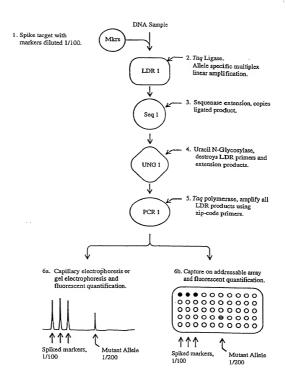
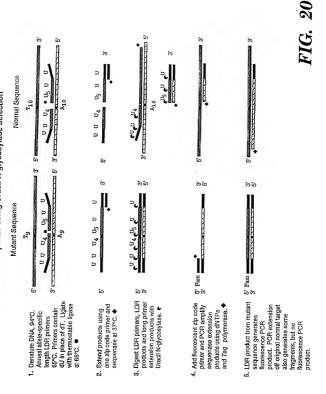


FIG. 19

LDR / PCR of mononucleotide repeats using Uracil N-glycosylase selection



LDR / PCR of mononucleotide repeat polymorphisms using Uracil N-glycosylase selection

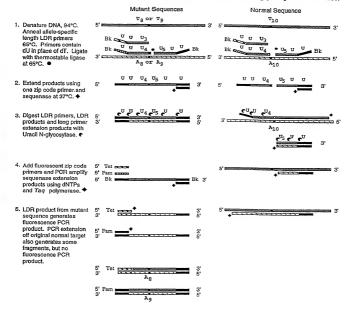


FIG. 21

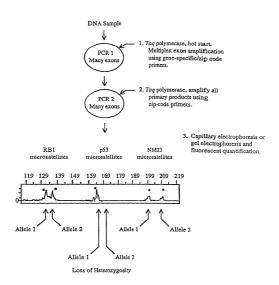
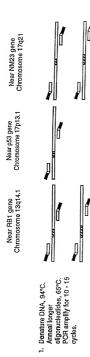
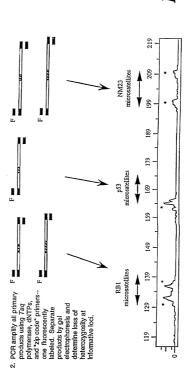


FIG. 22





The state of the s

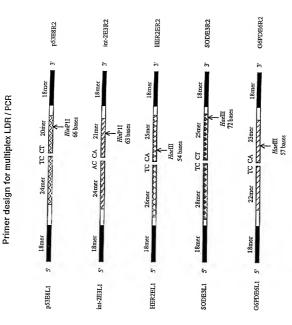
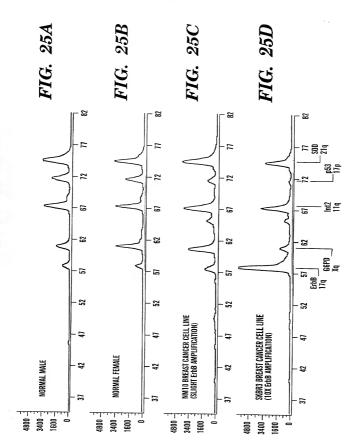
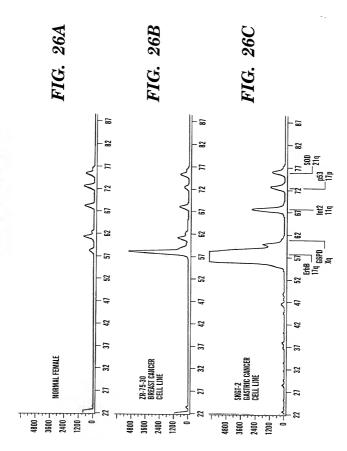
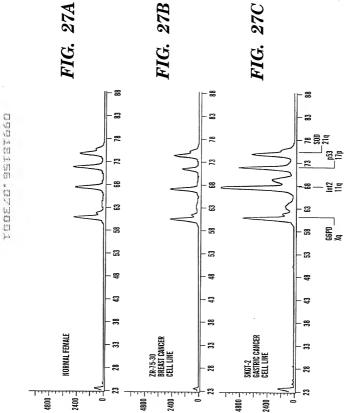


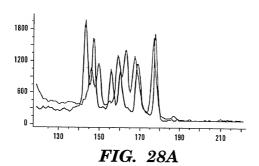
FIG. 24



The state of the s







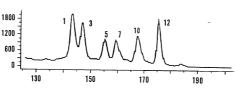


FIG. 28B

